



KONICA MINOLTA

magicolor 2450



Network color laser printer for small businesses and workgroups
20 ppm black & white / 5 ppm color
9600 x 600 dpi-class resolution with Photo ART™ technology
10/100BaseTX Ethernet®, Hi-speed USB, and parallel interfaces

The essentials of imaging

800-523-2696

Compact Network Color Laser



Versatile desktop printer with high-end printing features and enhanced graphics quality.



QUICK SPECS

- 20 ppm in black & white, 5 ppm in color
- 300 MHz PowerPC® processor
- 9600 x 600 dpi-class Photo ART contone resolution
- 128 MB DDR SDRAM std., 640 MB max.
- 10/100BaseTX Ethernet, USB 2.0, and parallel interfaces
- First page out in 12 seconds (b&w), 21 seconds (color)
- PostScript® 3 (144 fonts) and PCL® 6 (93 fonts) printer emulations
- Windows®, Macintosh®, and Linux® compatible
- 35,000 page-per-month duty cycle
- 1-year exchange warranty

Compact and Affordable

This little dynamo fits your desk-top and your budget.

- A true desktop printer that fits easily into any environment, the magicolor 2450 provides simple, full-front access for reloading supplies and clearing paper jams, so there's no need to access the back of the machine.
- Long-lasting toner yields 1,500 (standard capacity) or 4,500 (high capacity) prints for low-cost-per-page printing.

Designed for Ease of Use

Easy set-up and operation make the magicolor 2450 a breeze to use.

- Pre-installed 4,500-page toner cartridges mean the magicolor 2450 is up and running in just a few minutes.
- Auto-run installation software automatically detects the printer on your network and guides you step-by-step through set-up.
- Comprehensive printer drivers simplify printing with options such as collation, fit-to-page scaling, separation pages, watermarks, tray selection, and secure printing.
- Desktop Status Monitor utilizes a pop-up window on your screen for notification of print job status and supply levels.
- PageScope™ suite of printer management utilities provides real-time consumables status, as well as remote printer management and configuration.

Brilliant, Consistent Color

Innovative color technology for outstanding image quality.

- 9600 x 600 dpi-class Photo ART contone resolution generates over 4,000 colors per dot, providing enhanced photographic detail and smooth color gradients.
- Enhanced Automatic Image Density Control (eAIDC) automatically calibrates the printer so you can count on consistent, accurate color from the first page to the last.
- Automatic ICC-based color matching provides single-button controls for automatic color correction of print files.
- KONICA MINOLTA's Simitri® Polymerized Toner produces sharp output, fine text, and better halftones. It also reduces toner consumption by up to 30%, keeps the printer cleaner, and is more environmentally friendly than other toner technologies.



B&W cost per page based on 5% coverage
Color cost per page based on 20% coverage

basics

FRONT KEYPAD

- Intuitive display & menu
- At-a-glance toner gauges

PRINT SPEED

- Color: up to 5 ppm
- B&W: up to 20 ppm

INTERFACES

- Ethernet (10/100BaseTX), Hi-speed USB 2.0, Parallel, USB 1.1 Host Port (for future expansion)

MEMORY

- 128 MB RAM

COMPATIBILITY

- Windows Server 2003/XP/2000/NT 4.0/Me/98SE
- Macintosh OS 9 (v9.1+), OS X (v10.2+)
- Linux Red Hat 9, SuSE 8.2
- PostScript 3, PCL 6 emulations

RESOLUTION

- 9600 x 600 dpi-class with Photo ART
- eAIDC and ICC-based color matching

PAPER SIZE AND INPUT

- Up to legal (8.5" x 14")
- Adjustable 200-sheet multipurpose tray





Packed with Printing Power

Built to process even the most complex jobs in a flash.

- **Emperon, a state-of-the-art printing architecture**, provides compatibility with most popular operating systems, print languages, and network environments. It dramatically enhances printer performance and image quality while simplifying the entire printing process.
- **300 MHz PowerPC CPU** provides the power you need for processing complex files, including graphics and images.
- **128 MB DDR SDRAM** doubles file data throughput and delivers your print job quickly.
- **10/100BaseTX Ethernet interface** provides high-speed network printing for busy workgroups. USB 2.0 and Parallel ports are also included for stand-alone operation.



Get the competitive edge with vibrant color quality.



Use the web to keep track of supply levels.

options



HARD DISK

- For downloaded fonts, forms, and profiles; electronic collation; Job Accounting; direct PDF printing; Proof then Print, Secured Job, Print & Hold, and Stored Job functions

MEMORY

- Upgrade to 640 MB

DOCUMENT HANDLING

- Automatic duplexer for two-sided printing

PAPER INPUT

- 500-sheet cassette (letter or A4)
- 700-sheet maximum input capacity

Multi-Environment Compatibility

Perfect for diverse office workgroups.

- **PostScript 3 and PCL 6** printer emulations support popular software applications, allowing the seamless creation and processing of all your color documents.
- **Window, Macintosh, and Linux** system compatibility offers support for mixed workgroups.
- **Mixed network support** for NetWare®, TCP/IP, EtherTalk®, and NetBIOS/NetBEUI ensures smooth integration into your network configuration.



A true desktop printer that fits easily into any environment.



Up and running in minutes with pre-installed high-capacity toner cartridges.



KONICA MINOLTA



magicolor 2450 – Technical

Simitri



Mac OS



PAGESCOPE



Novell



ColorSync®



PANTONE®

Digital Color



Printing Process

Print Method: electrophotographic laser

Print Speed:

Color: up to 5 ppm

Monochrome: up to 20 ppm

Warm-up Time: 45 seconds average

First Page Output Time:

Color: 21 seconds from an idle, ready state

Monochrome: 12 seconds from an idle, ready state

(Exact print speed differs depending on system configuration, software application, driver, and document complexity)

Resolution: up to 9600 x 600 dpi-class with Photo ART

Recommended Duty Cycle: up to 35,000 prints/month

Hardware and Software Capabilities

Processor Type: PowerPC, 300 MHz

Memory: 128 MB DDR SDRAM on board, upgradeable to 640 MB (one slot); 100-pin, 266 MHz, PC-2100

Internal Hard Disk: (optional) for downloaded fonts, forms, and profiles; electronic collation; Job Accounting; direct PDF printing; Proof then Print, Secured Job, Print & Hold, and Stored Job functions (40 GB)

Operating System Compatibility: Windows Server 2003/XP/2000/NT 4(SP6+)/Me/98SE; Macintosh OS 9 (v9.1+), OS X (v10.2+); Linux Red Hat 9, SuSE 8.2

Printer Emulations: PostScript 3, PCL 6, PDF 1.4 (hard disk required)

Printer Management: PageScope Net Care, PageScope Web Connection, PageScope Network Setup, PageScope Peer-to-Peer Printing Tool, PageScope EMS Plug-in, HP Web Jetadmin Plug-in, PageScope Plug and Print, PageScope NDPS Gateway, Print Monitor, Status Monitor

Color Support: Enhanced Automatic Image Density Control (eAIDC), ICC device profiles; Automatic ICC-based color matching; Dynamic Contone Screening; SWOP, Commercial, EuroColor, TOYO, and DIC press emulations; PANTONE® Color Tables

Interface Support

Standard: Ethernet 10/100BaseTX; IEEE 1284 parallel (supports Microsoft 'Plug and Play'); USB 2.0 (supports Microsoft 'Plug and Play'); USB 1.1 Host Port (for future expansion)

Ethernet Protocols: TCP/IP, EtherTalk, IPX/SPX (NetWare 4/5/6), NDS Bindery, NDPS, NetBEUI, NetBIOS, UPnP, SMB, UPD, HTTP, HTTPS, IPP1.1, SNMP, LPD, FTP, DHCP, BootP, ARP, Auto IP, Ping/ARP, SMTP, SLP, TCP/IP socket

Paper Handling

Standard Paper Input: 200-sheet multipurpose tray

Optional Paper Input: 500-sheet cassette

Standard Paper Output: 200-sheet face-down output tray

Duplex Printing: manual (automatic optional)

Features at a Glance

Features	magicolor 2450
Compatibility	Windows/Macintosh/Linux
Print Speed - Monochrome	up to 20 ppm
Print Speed - Color	up to 5 ppm
Resolution	up to 9600 x 600 dpi-class
Memory	128 MB (max. 640 MB)
Network Interface	•
200-Sheet Multipurpose Tray	•
500-Sheet Cassette	○
Automatic Duplexing	○

○ Optional • Standard

Paper Sizes Supported:

Multipurpose Tray: Letter, Legal, A4, Executive, Statement, Folio, Foolscap, UK Quarto, Letter Plus, Govt. Letter, Govt. Legal, A5, B5 (ISO), Kai 16, Japanese Postcard, Double Postcard; Monarch, Com 10, DL, C6, C5, Chou #3, Chou #4, You #4, 16K, 32K Envelopes; Custom sizes (W) 3.6" - 8.5" (92 - 216 mm), (L) 5.8" - 14" (148 - 356 mm) 500-Sheet Cassette (optional): Letter, A4

Printable Area: .16" (4 mm) from all edges; 13.2" (335.6 mm) color and 13.7" (347.6 mm) monochrome guaranteed print length

Paper Weights:

Plain paper: 16 - 24 lb. Bond (60 - 90 g/m²)

Thick stock: 24 - 90 lb. Index (90 - 163 g/m²)

Print Media: plain paper, letterhead, thick stock, glossy stock, OHP transparencies, laser-quality labels, postcards, and envelopes.

Physical

Type: laser printer with internal controller

Dimensions (with tray cover) (WxDxH): 16.9" x 19.8" x 13.4" (430 x 502 x 341 mm)

Weight w/o consumables: 39.6 lbs. (18 kg); w/consumables: 44 lbs. (20 kg); as shipped: 54.5 lbs. (24.8 kg)

Electrical

Power Requirements:

120V Model: 120 VAC ± 10%; 50/60 Hz ± 3%

220/240V Model: 220/240 VAC ± 10%, 50/60 Hz ± 3%

Power Consumption:

Operating: 600 W average, 1,100 W maximum

Standby: 250 W or less

Energy Star® Compliant: 28 W or less

Environmental

Temperature Requirements: Operating: 50° to 95° F (10° to 35° C)

Non-operating: 32° to 95° F (0° to 35° C)

Humidity: Operating: 15% to 85% RH

Non-operating: 10% to 85% RH

Noise Levels: Operating: <53 dB(A); Standby: <39 dB(A)

Regulatory/Safety Conformity

UL, cUL, CSA, FCC-B, CDRH, DOC, SASO, RPC, NOM

Consumables

Printer ships with one each Cyan, Magenta, Yellow, and Black Toner Cartridges (yield up to 4,500 letter/A4 pages @ 5% coverage); Drum Cartridge

Replacement Cartridges:

Choose Cyan, Magenta, and Yellow Toner Cartridges that yield up to 1,500 or 4,500 letter/A4 pages @ 5% coverage. Black Toner Cartridge yields up to 4,500 letter/A4 pages @ 5% coverage.

The stated life expectancy of each consumable in your printer is based on printing under specific operating conditions such as page coverage for a particular page size (5% coverage of letter/A4). The actual consumable's life will vary depending on the use and other printing variables including page coverage, page size, media type, continuous or intermittent printing, ambient temperature and humidity.

Typefaces

144 resident PostScript fonts, 93 PCL fonts, and 10 line printer fonts.

Warranty

1 year exchange

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